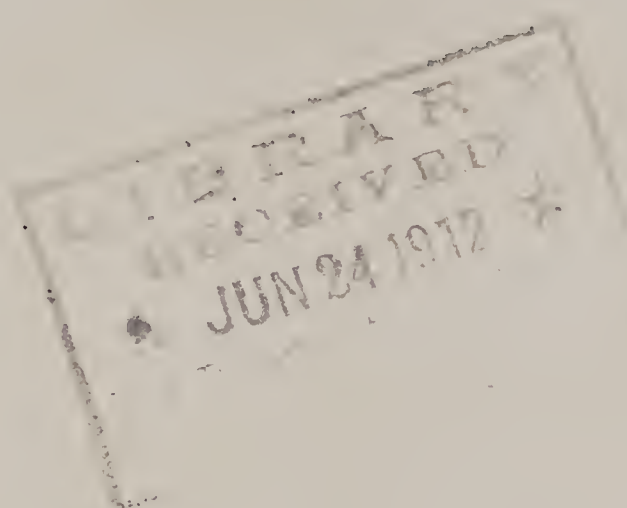


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no. 13



United States Department of Agriculture.

Washington, D. C., November 27, 1893.

DEAR SIR:

The disease of peach trees known as "leaf curl" is being investigated by the Division of Vegetable Pathology with a view of finding a cheap and efficient remedy or preventive. Experiments in California indicate that the disease can be prevented in some localities. To verify these experiments and to determine whether they may be made applicable to the whole country, it is proposed to carry on during the coming season some work in different parts of the United States. With a view of aiding in this work information upon the following questions will be thankfully received.

Respectfully,

Edwin H. Smith
Assistant Secretary.

Name

Post office

County

State

1. How many acres of peach trees have you?
2. What do you estimate your loss, if any, from leaf curl in 1893?
3. What varieties, if any, do you find free from curl?

4. What varieties do you find to be only slightly affected?

5. What varieties do you find badly affected?

6. Are seedlings or budded trees most affected, and can you suggest a reason for the difference, if any?

7. Are early or late-blooming trees most affected?

8. Are early or late varieties most affected?

9. Are the trees most affected in a wet or a dry season?

10. Are the trees most affected in a late or an early spring?

11. Are the trees most affected after a cold or a warm winter?

12. Have you observed whether the disease is more prevalent immediately after a cold spell in spring?

13. Have you observed the disease to be any worse following a series of heavy dews?

14. Were trees on high or on low land most affected?

15. Do you know of any preventive or cure for leaf curl?

Please give below as many facts as possible in regard to the extent and effects of leaf curl in your orchard.

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